

Title (en)

METHOD AND CONTROL DEVICE FOR RECOVERY OF ENERGY IN A HYBRID VEHICLE

Title (de)

VERFAHREN UND STEUERVORRICHTUNG ZUR REKUPERATION VON ENERGIE IN EINEM HYBRIDFAHRZEUG

Title (fr)

PROCEDE ET DISPOSITIF DE COMMANDE DESTINES A RECUPERER DE L'ENERGIE DANS UN VEHICULE HYBRIDE

Publication

EP 3095658 B1 20221130 (DE)

Application

EP 16000918 A 20160422

Priority

DE 102015006454 A 20150519

Abstract (en)

[origin: US2016339901A1] A method and apparatus for recuperating energy in a hybrid vehicle, having an internal combustion engine an electrical machine, and on-board electrical system with an energy store that can be charged with electrical energy during a recuperation operation. A recuperation power for a recuperation operation of the electrical machine is set to a first value that allows a recuperation operation with a maximum generator capacity of the electrical machine if an actual energy level of the energy store is lower than or equal to a threshold value. However, the recuperation power for a recuperation operation is set to a second value lower than the first value and allows a recuperation operation with a reduced generator capacity of the electrical machine if the actual energy level of the energy store is greater than the threshold value.

IPC 8 full level

B60W 20/40 (2016.01); **F02N 11/00** (2006.01)

CPC (source: CN EP RU US)

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Citation (examination)

- US 2011276243 A1 20111110 - MINARCIN MONIKA A [US], et al
- DE 102010034672 A1 20120223 - VOLKSWAGEN AG [DE]

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